

Substitute for form 1449A/PTO

Complete Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 8 Application Number 09/602,187
 Filing Date June 12, 2000
 First Named Inventor Pedicini
 Group Art Unit 1746 1908
 Examiner Name W. J. S.
 Attorney Docket Number 01446-1350

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
MZ	1	737,613		Halsey	09-01-03	
	2	1,112,861		Snyder	10-06-14	
	3	1,285,659		Ford	11-26-18	
	4	2,273,244		Ambruster	02-17-42	
	5	2,275,281		Berl	03-03-42	
	6	2,468,430		Derksen	04-26-49	
	7	3,072,284		Luhman, Jr.	01-08-63	
	8	3,160,528		Dengler	12-08-64	
	9	3,395,047		Terry et al.	07-30-68	
	10	3,473,963		Sanderson	10-21-69	
	11	3,523,830		Baker et al.	08-11-70	
	12	3,554,810		Zaromb	01-12-71	
	13	3,613,732		Willson	10-19-71	
	14	3,615,839		Thompson	10-26-71	
	15	3,629,009		Bennett	12-21-71	
	16	3,632,449		Yardney	01-04-72	
	17	3,666,562		Sprengel	05-30-72	
	18	3,740,636		Hogrefe et al.	06-19-73	
MZ	19	3,744,516		Rowe	07-10-73	

Examiner
Signature

M. Z. S.

Date
Considered

11/5/03

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¹ Unique citation designation number.

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Group Art Unit 1746 1908

Examiner Name W-115

Attorney Docket Number 01446-1350

Sheet 2 of 8

U. S. PATENT DOCUMENTS

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mz	20	3,801,372		Shaw	04-02-74	
	21	3,850,695		Keller et al.	11-26-74	
	22	3,871,920		Grebier et al.	03-18-75	
	23	3,909,302		Mermelstein	09-30-75	
	24	4,052,534		Devitt	10-04-77	
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	26	4,118,544		Przybyla et al.	10-03-78	
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	32	4,254,190		Zaromb	03-03-81	
	33	4,262,062		Zatsky	04-14-81	
	34	4,269,906		Schmechtig	05-26-81	
	35	4,310,604		Marchetti	01-12-82	
	36	4,316,185		Watrous et al.	02-16-82	
	37	4,318,092		Cowles et al.	03-02-82	
	38	4,399,200		Galloway	08-16-83	
	39	4,405,387		Albrecht et al.	09-20-83	
	40	4,448,858		Graf et al.	05-15-84	
	41	4,484,691		Lees	11-27-84	
mz	42	4,490,443		Ruch et al.	12-25-84	
Examiner Signature	Monique ZV-llb				Date Considered	11/5/02

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				Group Art Unit	1908	
Examiner Name						
Sheet	3	of	8	Attorney Docket Number	01446-1350	
U. S. PATENT DOCUMENTS						
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	43	4,493,880		Lund	01-15-85	
	44	4,521,497		Tamminen	06-04-85	
	45	4,560,626		Joy	12-24-85	
	46	4,642,273		Sasaki	02-10-87	
	47	4,648,807		Tippets et al.	03-10-87	
	48	4,687,714		Oltman et al.	08-18-87	
	49	4,729,930		Beal et al.	03-08-88	
	50	4,745,038		Brown	05-17-88	
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	54	4,894,295		Cheiky	01-16-90	
	55	4,904,548		Tajima	02-27-90	
	56	4,908,281		O'Callaghan	03-13-90	
	57	4,913,983		Cheiky	04-03-90	
	58	4,938,742		Smits	07-03-90	
	59	4,943,750		Howe	07-24-90	
	60	4,957,826		Cheiky	09-18-90	
	61	5,011,380		Kovacs	04-30-91	
	62	5,047,961		Simonsen	09-10-91	
	63	5,066,204		Point et al.	11-19-91	
	64	5,069,986		Dworkin et al.	12-03-91	
M2	65	5,085,562		Van Lintel	02-04-92	
Examiner Signature	M. SV JB				Date Considered	11/5/03

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ⁷	U.S. Patent Document Number	Kind Code ⁸ (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
	66	5,183,222		Ramsey, Jr.	02-02-93	
	67	5,191,274		Lloyd et al.	03-02-93	
	68	5,196,275		Goldman et al.	02-23-93	
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	70	5,211,371		Coffee	05-18-93	
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	72	5,304,431		Schumm, Jr.	04-19-94	
	73	5,306,579		Shepard, Jr. et al.	04-26-94	
	74	5,325,880		Johnson et al.	07-05-94	
	75	5,328,777		Bentz et al.	07-12-94	
	76	5,354,625		Bentz et al.	10-11-94	
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	78	5,362,577		Pedicini	11-08-94	
	79	5,387,477		Cheiky	02-07-95	
	80	5,398,011		Kimura et al.	03-14-95	
	81	5,411,644		Neukermans	05-02-95	
	82	5,417,235		Wise et al.	05-23-95	
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	85	5,449,569		Schumm, Jr.	09-12-95	
	86	5,466,932		Young et al.	11-14-95	
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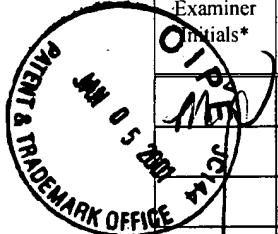
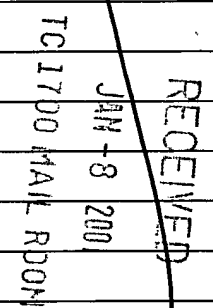

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EXAMINER
Signature *M. Zwill* Date Considered *11/5/03*

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				Group Art Unit	1908	
Sheet	5	of	8	Examiner Name		
Attorney Docket Number 01446-1350						
U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ⁹	U.S. Patent Document Number	Kind Code ¹⁰ (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
	89	5,522,712		Winn	06-04-96	
	90	5,529,465		Zengerle et al.	06-25-96	
	91	5,536,590		Chieky	07-16-96	
	92	5,554,452		Delmolino et al.	09-10-96	
	93	5,560,999		Pedicini et al.	10-01-96	
	94	5,563,004		Buzzelli et al.	10-08-96	
	95	5,567,284		Bauer et al.	10-22-96	
	96	5,571,630		Cheiky	11-05-96	
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	100	5,639,568		Pedicini et al.	06-17-97	
	101	5,641,585		Lessing et al.	06-24-97	
	102	5,678,647		Wolfe et al.	10-21-97	
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	105	5,712,052		Kawatsu	01-27-98	
	106	5,721,064		Pedicini et al.	02-24-98	
	107	5,730,587		Snyder et al.	03-24-98	
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	110	5,758,823		Glezer et al.	06-02-98	
111	5,759,014		Van Lintel	06-02-98		
Examiner Signature					Date Considered	11/5/07

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Sheet	6	of	8	Attorney Docket Number	01446-1350			
U. S. PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹¹	U.S. Patent Document Kind Code ¹² (if known)		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear		
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MZ	113	5,786,980		Evans	07-28-98			
MZ	114	5,853,910		Tomioka et al.	12-29-98			
MZ	115	5,861,703		Losinski	01-19-99			
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MZ	119	6,033,191		Kamper et al.	03-07-00			
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document Office ¹³ Number ¹⁴ Kind Code (if known) ¹⁵			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹⁶
MZ	120	PCT	WO 90/11625	A1	Alcan International Limited	10-04-90		
MZ	121	PCT	WO 93/18556	A1	Ballard Power Systems Inc.	09-16-93		
MZ	122	PCT	WO 93/19495	A1	AER Energy Resources, Inc.	09-30-93		
MZ	123	PCT	WO 94/02966	A2	Cheiky	02-03-94		
MZ	124	PCT	WO 94/08358	A1	Voltek, Inc.	04-14-94		
MZ	125	PCT	WO 94/25991	A2	AER Energy Resources, Inc.	11-10-94		
MZ	126	PCT	WO 97/15090	A2	AER Energy Resources, Inc.	04-24-97		
MZ	127	PCT	WO 99/16145	A1	AER Energy Resources, Inc.	04-01-99		
Examiner Signature	M. Zwill				Date Considered	11/5/03		

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¹² See attached Kinds of U.S. Patent Documents.

¹³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

¹⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

¹⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

¹⁶ Applicant is to place a check mark here if English language Translation is attached.

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		Office ¹⁷	Number ¹⁸	Kind Code (if known) ¹⁹			
	128	EP	0 476 484	A2	Licentia Patent-Verwaltungs-GmbH	03-25-92	
	129	EP	0 341 189	B1	Scheffler et al.	11-08-89	
	130	EP	0 044 060	A2	Energy Research Corporation	01-20-82	
	131	EP	0 293 007	A2	International Fuel Cells Corporation	11-30-88	
	132	EP	0 341 189	A1	International Fuel Cells Corporation	11-08-89	
	133	FR	1 575 640				
	134	FR	2 353 142		Compagnie Generale D Electricite		
	135	GB	1 221 196			4/6/99	
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	137	JP	6 311 0558		Hitachi Ltd.	05-16-88	
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	139	JP	4 345773		Nishida et al.	12-01-92	
	140	JP	50 040772				
					*English Abstract Only		
Examiner Signature	mz				Date Considered	11/5/03	

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¹⁷ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

¹⁸ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

¹⁹ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

²⁰ Applicant is to place a check mark here if English language Translation is attached.

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Sheet	8	Of	8	Attorney Docket Number	01446-1350
NON PATENT LITERATURE DOCUMENTS					

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	141	The Search for Better Batteries, IEEE Spectrum May 1995, pp. 51-56 <i>date?</i>	
	142	Using Shape Memory Wires (Part Two), Mondo-tronics, Inc., pp. 2-1 - 2-12 <i>Gilbertson</i>	
	143	Flexinol™ - Actuator Wire A Solid State Actuator That Moves By "Molecular Restructuring", Dynalloy, Inc. (Makers of Dynamic Alloys) one page <i>date?</i>	
Examiner Signature	<i>m. z. n.</i>		Date Considered
		<i>11/7/03</i>	

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Examiner Name	

U. S. PATENT DOCUMENTS

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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
rv	2	Microprocessor Voltage Monitors with Programmable Voltage Detection, Maxim, MAX8211/MAX8212, pp. 1-2 5-1999	

Examiner Signature	<i>M. J. G.</i>	Date Considered	1/5/07
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Sheet	1 of 1
Attorney Docket Number	43419/202239

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MZ	1	6,106,962		Pedicini et al.	08-22-00	
MZ	2	6,274,261	B1	Tinker et al.	08-14-01	

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MZ	3	WO	00/38266	A1	AER Energy Resources, Inc.	06-29-00		
MZ	4	WO	00/36696	A1	AER Energy Resources, Inc.	06-22-00		

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NON PATENT LITERATURE DOCUMENTS

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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
MZ	3	U.S. Application Serial No. 09/216,026, Inventor: Pedicini et al., Filed December 18, 1998 entitled <i>Air Manager Systems for Metal-Air Batteries Utilizing a Diaphragm or Bellows</i>	
Examiner Signature	MZ		Date Considered 11/5/03

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